Index of	•

Application/Control No.	Applicant(s)/Patent under Reexamination
10/621,060	HAALEN ET AL.
Examiner	Art Unit

lan N. Moore

HAALEN ET AL.
Art Unit
2616

✓ Rejected= Allowed

─ (Through numeral)
 Cancelled
 ÷ Restricted

N Non-Elected
I Interference

A Appeal
O Objected

The color of the	Cla	im					Date	е					Clair	n				D	ate						Cl	aim	l			[Date	Э			
1					_									<u>=</u>												al									
1	<u>ख</u>	ij	00	9	8							1 0	į	١			- 1	1							la l	ž					ļ				
1	這	ij	118	9/2/	2							🗓		<u>چ</u> ا			1	-		- 1	- 1				ΙĒ	Öriğ									
Second S		U	, ,		_																_							<u> </u>		_	L_				
3		1	1	1	1						_	L										_						<u> </u>	_	_					
\$\begin{array}{c c c c c c c c c c c c c c c c c c c				—	_										_	_	_		_	_	_	_													
55				_	_		<u> </u>								_	4	_			_	_	_					_	<u> </u>	<u> </u>	<u> </u>	_		_		
66	\square		_		_		<u> </u>				_				4	\dashv	_	_	_	_	\dashv	_	_			104	<u> </u>								-i
107			_	-	_	<u> </u>	ļ	_	_		_		4	55	4	_	_	_		-	\dashv	\dashv	_			105						L			
Section Sect			_		_	<u> </u>	 			_	_				_	\dashv	-	_		+	\dashv	\dashv	\dashv				_						\Box		
9			_	_	_	_	ــــ				4	<u> </u>			\dashv	\dashv	-	-	-	-	\dashv	\dashv	\dashv				-				-				-
110						_	 	_		\dashv	_				\dashv	\dashv	-{	\dashv	\dashv		\dashv	\dashv					-	-	_	<u> </u>	_		\dashv		\dashv
11			_			 —	 	┝	H		-	-			\dashv	\dashv		-	-	\dashv	-	\dashv	\dashv				\vdash					H			
12			V	_			 	 	\vdash	\dashv	\dashv	-			\dashv	+	-			-	\dashv	\dashv	\dashv			111	 	-	-						\vdash
13	\vdash		\vdash	_		-	 	-	\vdash		\dashv	-			\dashv	\dashv	\dashv	\dashv		\dashv	\dashv	\dashv	\dashv		<u> </u>	112	 	\vdash	\vdash	 	-	H	\vdash		Н
14	\vdash		\vdash			\vdash	 	 	\vdash		\dashv				\dashv	+	\dashv	\dashv	-		\dashv	\dashv	\dashv				 -		-	┢		Н	\vdash		\vdash
15	$\vdash \vdash \vdash$		 			-	 	\vdash	\vdash		\dashv	\vdash			\dashv		-+	\dashv	\dashv	\dashv	\dashv	-				114		\vdash		\vdash		Н	\vdash		
16	\vdash				_	\vdash	\vdash	 	\vdash	\vdash	\dashv					-+	+	+	\dashv	+	\dashv	-						Т		\vdash	\vdash				\vdash
17	\vdash		\vdash		_	H		-	\vdash		\dashv				\dashv	-	+	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv			116		H		T		Н	\vdash		$\vdash \vdash$
18 19 68 118 119 20 70 120 121 21 71 71 122 121 22 72 122 122 122 123 123 123 123 123 124 124 124 125 125 125 125 126 127 127 127 128 127 127 128 129 129 129 129 129 130 130 130 130 131 131 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 135 135 135 136 137 137 137 137 138 139 140 141			\vdash	Ė	Ť	1	 	\vdash	Н		\dashv	-	+	67	\dashv	\dashv	+	\dashv	\dashv	-	\dashv	\dashv	\dashv			117		\vdash		\vdash			\Box		H
19					-		l				\neg				\dashv	十	一			7	1	一	\neg					-							
20 120 120 120 121 121 121 121 122 122 122 123 123 123 123 123 123 123 123 123 124 124 124 124 124 124 124 124 125 125 126 126 126 126 126 127 127 127 127 127 127 127 127 127 127 128 128 129 129 130 130 130 130 130 130 130 130 130 130 130 131 131 131 131 131 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 135 135 135 135 135 136 136 137 137 13	-		_		\vdash		l		П		\neg				1	寸	一	\neg	_	\neg		寸	╗			119	Т	İ							
21 22 71 72 121 122 123 123 123 123 123 123 123 124 124 124 124 124 124 125 126 126 126 126 126 127 127 127 127 127 127 127 127 128 128 129 130 130 130 130 130 130 130 130 130 131 131 131 131 132 133 </td <td></td> <td>20</td> <td></td> <td></td> <td></td> <td>┪</td> <td>Ħ</td> <td></td> <td></td> <td></td> <td>ヿ</td> <td> </td> <td></td> <td></td> <td>1</td> <td>寸</td> <td>寸</td> <td>ヿ</td> <td>T</td> <td>T</td> <td></td> <td>ヿ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Г</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td>		20				┪	Ħ				ヿ				1	寸	寸	ヿ	T	T		ヿ						Г				_			
22 122 123 124 123 124 124 124 124 124 124 124 125 125 126 125 126 126 127 128 128 128 129 129 129 129 129 130 130 130 130 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 134 134 135 135 135 136 136 137 136 137 136 137 136 137 136 137 136 137 138 139 139 139 139 139 139 139 140 140 141 141 141 141 141 141 141 142 143 143 143 144 144 145 145 146 146											\neg		\top	71			T			1															
23 73 123 124 124 124 125 125 126 125 126 125 126 126 126 127 127 128 127 127 128 128 129 129 129 129 130 130 130 131 131 131 131 131 131 131 131 131 132 133 133 133 133 133 133 133 134 134 134 134 134 134 134 135 135 135 135 135 136 135 136 137 137 137 138 138 138 138 139 139 139 139 139 139 140 141 141 141 141 141 142 142 142 142 142 143 144 144 144 144 144 144 144 144 144 145 146 146 146 147 148 149 149 149 149 149 149								\vdash	\Box		\neg					\neg										122									
25 26 125 126 126 127 126 127 127 127 127 127 128 128 129 129 129 130 130 130 130 130 131 130 131 132 132 132 132 133 133 133 133 133 133 133 133 133 133 134 134 134 134 135 135 135 135 136 137 137 137 137 137 137 137 138 138 138 138 139 140 141 140 141 142 142 142 142 142 142 142 142 143 144 145 146 146 147 147 147 147 147 147 147 147 147 149 149 149 149 149 149 149 149 149 149 149																										123									
26 76 126 127 127 127 128 127 128 128 128 128 128 129 129 129 130 130 130 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 135 135 135 135 136 135 136 136 136 136 137 138 138 138 138 138 139 140 140 140 140 141 140 141 142 142 142 142 142 142 142 142 143 144 144 144 144 145 145 146 147 148 149		24																								124									
27 28 77 128 128 128 128 128 128 129 129 129 130 130 130 130 130 131 131 131 131 131 132 132 132 133 133 133 133 133 133 133 133 133 133 134 134 135 135 135 135 135 135 136 136 136 137 137 138 138 138 138 139 140 141 140 141 141 141 142 142 142 143 144 144 144 144 144 144 144 144 144 144 145 146 147 148 148 148 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149 149																																			
28 78 128 29 80 129 30 81 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 88 136 39 88 138 39 90 140 40 90 140 41 91 141 42 92 142 43 93 143 44 94 94 46 96 146 47 97 148 48 98 149												L												ļ											Ш
29 79 30 129 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 88 39 90 41 91 42 92 43 94 44 95 46 96 47 97 48 99 49 99					_						_	L								\perp		_				127						<u> </u>			Ш
30 80 31 31 32 33 34 84 35 85 36 86 37 87 38 88 39 89 40 91 41 91 42 93 43 94 44 95 46 96 47 98 48 99 49 149				<u></u>			<u></u>	<u> </u>								_	_	_				_	_								_				
31 32 33 34 35 36 37 38 39 88 40 90 41 91 42 93 43 94 44 95 46 96 47 97 48 98 49 99 146 98 49 149								_	Ш		_					_	_			_		_	_					_			_				
32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 88 136 39 88 137 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 99 149						<u> </u>		_	Ш		_	<u> </u>			_	_	_			4	_	_	_			130	_		_						Ш
33 34 35 35 36 85 37 88 39 88 40 90 41 91 42 92 43 93 44 94 45 96 47 98 48 99 49 148					_	<u> </u>	ļ	<u> </u>	<u> </u>		_	\vdash			_	_	_			_		_							<u> </u>	<u> </u>					-
34 35 84 134 135 36 86 136 137 137 137 38 88 138 138 139 139 139 140 140 140 141 141 141 141 141 141 141 141 141 142 142 143 143 143 144 144 144 144 145 145 146 147 147 148 148 149	\sqcup			_	_	<u> </u>	<u> </u>	<u> </u>			_	<u> </u>			_	\dashv	\dashv	_			1		_		<u> </u>	132				 	<u> </u>	<u> </u>			$\mid - \mid$
35 36 37 38 37 38 39 38 39 38 39 <td< td=""><td>$\sqcup \downarrow$</td><td></td><td><u> </u></td><td>⊢</td><td><u> </u></td><td><u> </u></td><td><u> </u></td><td>1—</td><td>\vdash</td><td>_</td><td>\dashv</td><td><u> </u></td><td></td><td></td><td>-</td><td>\dashv</td><td>4</td><td>_</td><td>-</td><td>\dashv</td><td>\dashv</td><td>\dashv</td><td> </td><td></td><td><u> </u></td><td></td><td><u> </u></td><td>-</td><td><u> </u></td><td>├</td><td>—</td><td>\vdash</td><td></td><td>_</td><td>$\vdash\vdash$</td></td<>	$\sqcup \downarrow$		<u> </u>	⊢	<u> </u>	<u> </u>	<u> </u>	1—	\vdash	_	\dashv	<u> </u>			-	\dashv	4	_	-	\dashv	\dashv	\dashv			<u> </u>		<u> </u>	-	<u> </u>	├	—	\vdash		_	$\vdash\vdash$
36 37 136 137 137 137 138 138 138 138 139 139 139 140 140 140 140 140 140 141 141 141 141 141 141 141 141 142 142 142 143 143 143 143 144 144 144 144 144 145 145 146 147 147 147 148 148 149 140 140 141 141 141 141 141 141 141 141	$\vdash \vdash \downarrow$		-	<u> </u>	-	<u> </u>	 	 	-	\vdash	\dashv	\vdash				-+	\dashv	\dashv	+			-	_			134	-		-	⊢		-			$\vdash \vdash$
37 88 137 38 88 138 39 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 149	$\vdash \vdash \vdash$		-	\vdash		 		 	\vdash		\dashv	\vdash			\dashv	\dashv	\dashv	\dashv			\dashv	-					-	-	-	├		\vdash			\vdash
38 39 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 49 149	\vdash			<u> </u>	\vdash	-	\vdash	╁	\vdash	\dashv	\dashv	-			\dashv	\dashv	\dashv	\dashv	-	\dashv	\dashv	\dashv	\dashv				\vdash	-	-	\vdash	\vdash		\vdash	-	Н
39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149	 		\vdash		-	\vdash	1	-	\vdash	\vdash	\dashv	-			-+	\dashv	┥	-+	\dashv	+	+	-+			 		\vdash			 	-	\vdash		-	\vdash
40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149			\vdash	├		+-	\vdash	 	\vdash	-		\vdash				\dashv	\dashv			-+	\dashv	\dashv	\dashv				\vdash		\vdash	 	\vdash	 			\vdash
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	\vdash		-	 	-		\vdash	╁╌	\vdash	\vdash	\dashv		+	90	\dashv	\dashv	+	\dashv	\dashv	-	-+	\dashv	\dashv			140	\vdash	Н	Η-	\vdash	\vdash		\vdash		\vdash
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		41	\vdash	\vdash		\vdash	\vdash	\vdash	\vdash	\vdash	\dashv	-			\dashv	\dashv	7	\dashv		_	\dashv	_	\dashv				_								
43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash	 	<u> </u>	 	†	┢	H	\vdash	\dashv	\vdash			\dashv	_	7	\dashv		\dashv	\dashv	+	\dashv					\vdash	\vdash	l					Н
44 94 45 95 46 96 47 97 48 98 49 99	 		_	 		\vdash	 	┢		\vdash	\dashv	—			\dashv	\dashv	寸			_	7	_	\dashv						_				\vdash		\vdash
45 95 46 96 47 97 48 98 49 99			\vdash	 			T	t	T	\Box					\dashv	\dashv	寸			\dashv	一	_	\neg				\vdash	Г							
46 96 47 97 48 98 49 99			П	Т	-		 	T	\Box	\Box	\neg		\neg	95	寸		┪	\dashv		T	T		\exists						Ι –		Г				
47					Т		\vdash	\top	T	\neg	\neg			96	\dashv	T	\neg				$\Box \dagger$					146									
48				Г				Г	1					97	寸		╗	\neg			_†					147	Ĺ							_	
49 99 149 149		48												98						J	╛					148			L						
		49											T	99		┚										149									
		50			L								\prod	100												150									